

New Language Features

Bring class names into scope using Imports.

Categorize classes using Namespace.

Use Structured Exception Handling to trap errors.

Specify multiple modules and classes in a single file.

Create shared methods that can be called globally without an object instance.

Initialize objects using parameterized constructors.

Create command line applications using the Console class

Create 3 doubles, instead of 1 double and 2 variants.

Initialize classes using parameterized constructors.

Declare and initialize variables in a single statement.

Return values using Return instead of the function name.

Visual Basic Language Keywords

Green indicates keywords that are new to the language.

* with Green indicates significantly improved keywords

AddHandler

AddressOf

Alias

And

AndAlso

Ansi

As

Assembly

Auto

Boolean

ByRef

Byte

ByVal

Call

Case

Catch

CBool

CByte

CChar

CDate

CDec

CDbl

Char

Clnt

Class

CLng

CObj

Const

CShort

CSng

CStr

CType

Date

*Decimal

*Declare

Default

Delegate

Dim

DirectCast

Do

Double

Each

Else

Elseif

End

Enum

Erase

Error

Event

Exit

False

Finally

For

Friend

Function

Get

GetType

GoTo

Handles

If

*Implements

Imports

In

Inherits

Integer

Interface

Is

Lib

Like

Long

Loop

Me

Mod

Module

MustInherit

MustOverride

MyBase

MyClass

Namespace

*New

Next

Not

Nothing

NotInheritable

NotOverridable

Object

On

Option

Optional

Or

OrElse

Overloads

Overridable

Overrides

ParamArray

Preserve

Private

Property

Protected

Public

RaiseEvent

ReadOnly

ReDim

Rem

RemoveHandler

Resume

Return

Select

Set

Shadows

Shared

Short

Single

Static

Step

Stop

String

Structure

Sub

SyncLock

Then

Throw

To

True

Try

TypeOf

Unicode

Until

When

While















With

WithEvents

WriteOnly

Xor

Visual Basic .NET Project Types

If you want to create	Visual Basic 6.0 Projects	New Visual Basic .NET Projects
Applications with a Windows user interface.	 Standard EXE	 Windows Application
Classes to use in other applications.	 ActiveX DLL	 Class Library
User controls to use in Windows applications.	 ActiveX Control	 Windows Control Library
Applications with a Web user interface.	 IIS Application	 ASP.NET Web Application
Add-ins for Visual Studio .NET.	 Addin	 Visual Studio .NET Add-in
XML Web services to use from other applications.		 ASP.NET Web Service
Command line applications.		 Console Application
Windows services.		 Windows Service
User controls to use in Web applications.		 Web Control Library

Upgrading Information

Language Upgrade

Most code is same

Syntax changes

Upgrade Comments

VB controls


ActiveX controls

Form Upgrade

VB controls

ActiveX controls

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 Microsoft

Visual Studio.net Visual Basic .NET

Microsoft

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